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Amendments to Claims

Claim 1 (Cancel)

Claim 2 (Cancel)

Claim 3 (Cancel)

Claim 4 (Cancel)

Claim 5 (Cancel)

Claim 6 (Cancel)

Claim 7 (Cancel)

Claim 8 (Cancel)

Claim 9 (Cancel)

Claim 10 (Cancel)

11. (New) A method of laser welding, comprising the steps of :

preparing a first molded article of a first thermoplastic resin composition comprising a thermoplastic resin and a 1:2 metallic azo complex dye, which composition is transparent to a laser beam, and a second molded article of a second thermoplastic resin composition that is opaque to the laser beam,

positioning said first molded article and said second molded article in contact with each other, and

transmitting a predetermined amount of laser beam energy focused on the area of contact through the first article to the second article.

12. (New) A method of laser welding, comprising the steps of :

preparing a first molded article of a first thermoplastic resin composition comprising a thermoplastic resin and a black colorant, which composition is transparent to a laser beam, and a second molded article of a second thermoplastic resin composition that is opaque to the laser beam,

positioning said first molded article and said second molded article in contact with each other, and

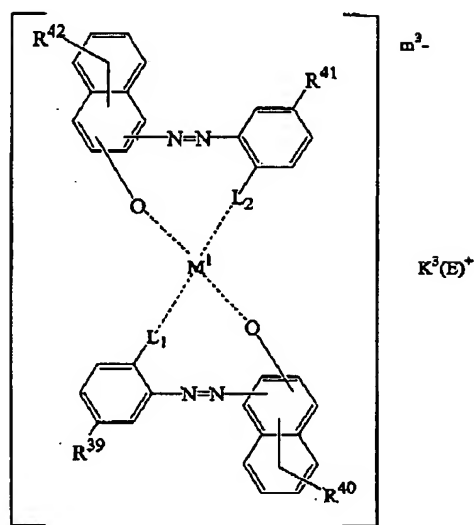
transmitting a predetermined amount of laser beam energy focused on the area of contact through the first article to the second article,

wherein the black colorant is at least one 1:2 metallic azo complex dye of the following formulas:

the formula [I]

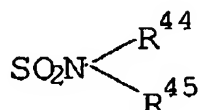
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—[I]

wherein R^{39} , R^{41} , which may be the same or different, are Cl,

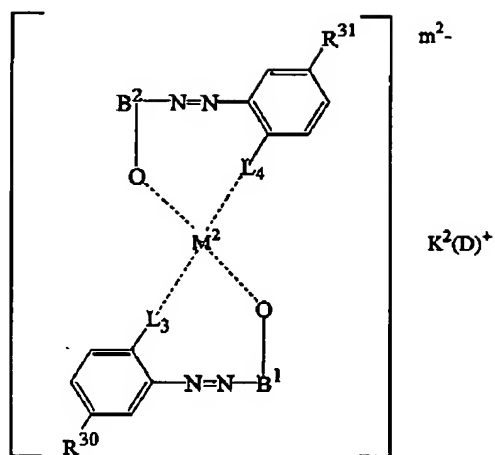


, or SO_2R^{43} , R^{44} , R^{45} , which may be the same or different, are independently hydrogen atom, linear or branched C1-C4 alkyl, R^{43} is linear or branched C1-C4 alkyl, R^{40} , R^{42} , which may be the same or different, are hydrogen, linear or branched C1-C18 alkyl group, linear or branched C2-C18 alkenyl group, sulfonamide group, carboxyl group, mesyl group, hydroxyl group, C1-C18 alkoxy group, acethylamino group, benzoylamino group, a halogen atom or $-CONH-R^{46}$, R^{46} is functional group selected from unsubstituted or substituted linear or branched C1-C18 alkyl or unsubstituted substituted C6-C18 aryl group, L_1 and L_2 are independently O or COO, $(E)^+$ are H^+ ; cation of alkali metal, ammonium ion, cations of organic amine including aliphatic primary, secondary and ternary amines, quaternary ammonium ion, K^3 is an integer, m^3 is 0, 1 or 2, M^1 is a metal having coordination numbers of from 2 to 4,

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the formula [II]

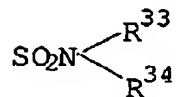


—[II]

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wherein R^{30} and R^{31} , which may be the same or different, are Cl,



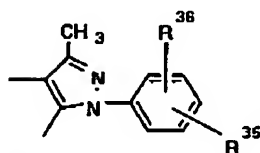
SO_2R^{32} , or H,

R^{33} and R^{34} , which may be the same or different, are independently hydrogen atom, linear or branched C1-C4alkyl,

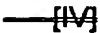
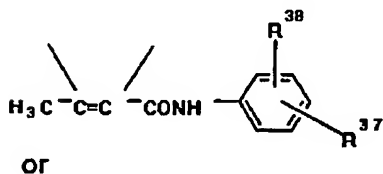
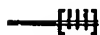
R^{32} is linear or branched C1-C4 alkyl, L_3 and L_4 are independently O or COO, $(D)^+$ is hydrogen ion, cation of alkali metals, ammonium ion, cations of organic amine including aliphatic primary, secondary and tertiary amines, quaternary ammonium ion,

K^2 is an integer, m^2 is 0, 1 or 2,

M^2 is metals having coordination numbers of from 2 to 4,



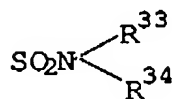
B is represented by formula



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wherein R^{35} and R^{37} , which may be the same or different, are Cl,

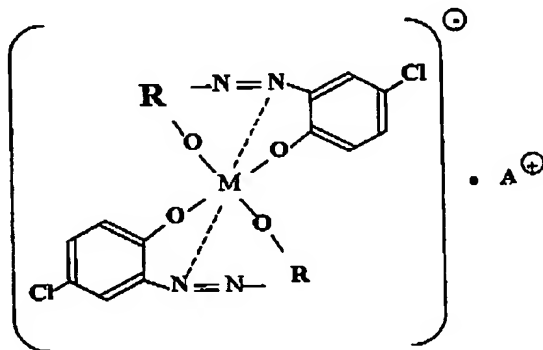


, SO_2R^{32} , or H,

R^{33} and R^{34} , which may be the same or different, are independently hydrogen atom, linear or branched C1-C4 alkyl, and R^{36} and R^{38} , which may be the same or different, are independently hydrogen atom, linear or branched C1-C18 alkyl, carboxyl, hydroxyl, C1-C18 alkoxy, amino or halogen atoms.

13. (New) The method of Claim 11, wherein said 1:2 metallic azo complex dye is selected from the group consisting of:

formula (1)

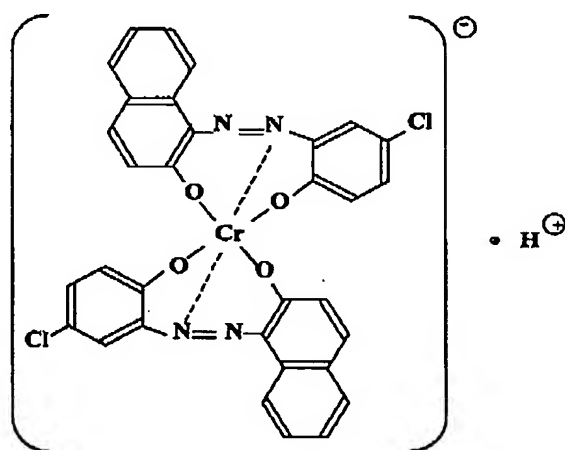


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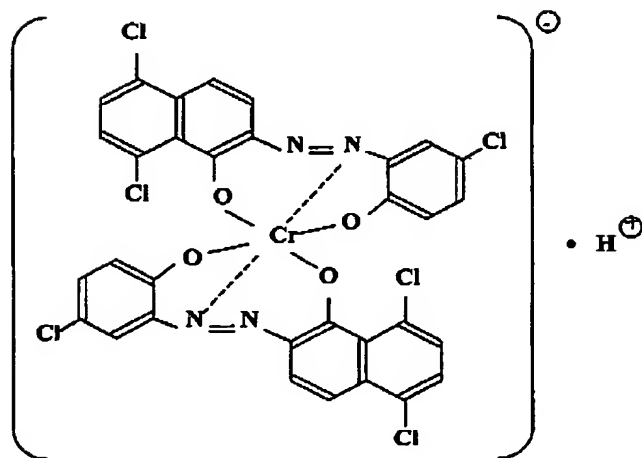
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wherein R is a residual group of a coupling agent, M is divalent or trivalent metal, and A is hydrogen, aliphatic amine with 4 to 18 carbon atoms, or alkylene oxide added amine;

or formula (2)



or formula (3)



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14. (New) The method of Claim 12, wherein said 1:2 metallic azo complex dye is selected from formula (2) or formula (3).
15. (New) The method of Claim 12, wherein said 1:2 metallic azo complex dye is present in an amount of from 0.01 to 1% by weight based upon the total weight of the composition.
16. (New) The method of Claim 11, wherein the first thermoplastic resin composition and/or the second thermoplastic resin composition further comprises glass fiber or glass flake.
17. (New) The method of Claim 11, wherein the first thermoplastic resin composition and/or second thermoplastic resin composition comprises a polyamide resin.
18. (New) The method of Claim 11, wherein the first thermoplastic resin composition and/or second thermoplastic resin composition comprises a polyamide copolymer.
19. (New) The method of Claim 11, wherein the first thermoplastic resin composition and/or second thermoplastic resin composition comprises a blend of polyamide resins.
20. (New) The method of Claim 12, wherein M^1 is trivalent Cr, Fe, or Cu.
21. (New) The method of Claim 12, wherein M^2 is Zn, Sr, Cr, Al, Ti, Fe, Zr, Ni, Co, Mn, B, or Si.
22. (New) The method of Claim 12, wherein M^2 is trivalent Cr, Co, Cu, Ni, or Al.
23. (New) A shaped article formed by the method of Claim 11.